

MAP EXPLANATION

Recently active faults mapped by Bryant (this report), based on air photo interpretation and limited field mapping (indicated by f/c and date). Solid line indicates well-defined feature, dashed line indicates where approximately located, short dash where inferred, dotted where concealed; queries indicate additional uncertainty; hachures indicate extent and direction scarp faces.

Locality referred to in text.

Scarp Profile Data measured by Bryant (this report)

f - scarp-slope angle h - scarp height c - scarp crest width

Geomorphic features indicative of fault reactivity and/or location, based on air photo interpretation and field mapping by Bryant (this report)

- b - bench
- bd - beheaded drainage
- cd - closed depression
- dd - deflected drainage
- rl - right lateral
- ll - left lateral
- dov - drainage offset vertically or exhibits "wineglass" configuration
- ld - linear drainage
- fs - faceted spur
- lr - linear ridge
- n - notch
- pa - ponded alluvium
- s - saddle
- sb - sidehill bench
- sr - shutter ridge
- t - tonal lineament
- tr - trough

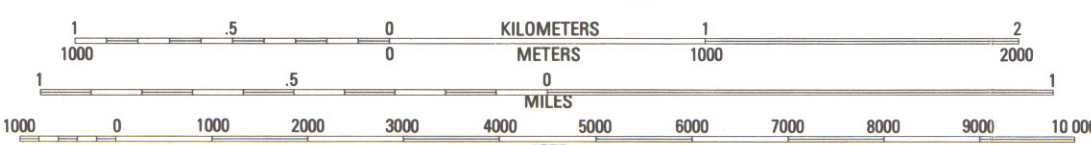
Figure 3b (to FER-203). Recently active traces of the Independence fault zone in the western Owens Valley study area, based on air photo interpretation and limited field mapping by Bryant (this report). Faults highlighted in yellow are recommended for zoning for special studies.

CONTOURS AND ELEVATIONS IN METERS Produced by the United States Geological Survey

Control by the USGS and NOS/NOAA
Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1982
Projection and 1000-meter grid, zone 11
Universal Transverse Mercator
10,000-foot grid ticks based on California coordinate
Interstate Route U.S. Route State system, zone 4, 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 9 meters north and 183 meters east as shown by dashed corner ticks

MT. WILLIAMSON, CALIF. PROVISIONAL EDITOR
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
Where omitted, land lines have not been established
There may be private inholdings within the boundaries of the National or State reservations shown on this map

SCALE 1:24 000



CONTOUR INTERVAL 20 METERS
SUPPLEMENTARY CONTOUR INTERVAL 25 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
TO CONVERT METERS TO FEET MULTIPLY BY 3.2808
TO CONVERT FEET TO METERS MULTIPLY BY 0.3048

ROAD CLASSIFICATION

- Primary highway, hard surface
- Light-duty road, hard or improved surface
- Secondary highway, hard surface
- Unimproved road
- Interstate Route
- U.S. Route
- State Route



MANZANAR, CALIF.
NW4 LONE PINE 15' QUADRANGLE
N3637.5-W11807.5/7.5

1982

DMA 2357 II NW-SERIES V895